IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

FFICIAL Atty. Docket No. 061450-0304609 In re application of: FID-101 D5 Shiva Prakash R. Raevis Examiner: 10/613.107 Serial No. 2856 Art Unit: 07/03/2003 Filed: ATOMIC FORCE MICROSCOPY MEASUREMENTS OF CONTACT For: RESISTANCE AND CURRENT-DEPENDENT STICTION

Certificate of Facsimile Transmission Date of Transmission: June 14, 2004

I hereby certify that this paper, and any documents referred to as being attached, was submitted by facsimile to 703-872-9306, Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313 on the above date.

David Jakopin

AMENDMENT AND RESPONSE TO OFFICE ACTION

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

This is a response to the Office Action mailed February 12, 2004.

Request for Extension

Applicant requests a one-month extension of time from May 12, 2004 to the date hereof to submit this Response. The Commissioner is authorized to charge Deposit Account 50-2213 (Order No. 061450-0304609) for the requisite one-month small entity extension fee of \$55.00.

Amendments to the claims are reflected in the listing of claims which begins on page 2 of this paper. Remarks begin on page 4 of this paper.

Please amend the application as follows: